

CLAIMS

I Claim:

1. A retaining wall comprising:  
5 a base formed from a first row of building blocks;  
a wall assembly supported on the base, the wall assembly including a plurality of  
vertically stacked rows of building blocks, the wall assembly having a front face and a rear  
face;  
the building blocks being formed of fiber reinforced cellular cementitious material;  
10 and  
a plurality of spaced apart elongated vertically extending reinforcing strips fixed to  
one of the front face and the rear face of the wall assembly, the reinforcing strips each  
being secured to the wall assembly by a plurality of fasteners, the fasteners each extending  
through the reinforcing strips and into the building blocks forming the wall assembly.  
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2. A retaining wall as set forth in claim 1, wherein the fiber reinforced cellular  
cementitious material is made from cementitious material mixed with water, fiber and  
aerating material.
- 20 3. A retaining wall as set forth in claim 2, wherein the cementitious material  
makes up approximately less than about 83% of the total weight of the building blocks, the  
water makes up approximately less than about 30% of the total weight of the building  
blocks, the fiber makes up approximately less than 4% of the total weight of the building  
blocks, and the aerating material makes up approximately less than 1% of the total weight  
25 of the building blocks.
4. A retaining wall as set forth in claim 3, wherein the cementitious material  
comprises cement, fly ash and silica fume or other pozzolans, and wherein the cement  
makes up approximately less than about 40% of the total weight of the building blocks, the  
30 fly ash makes up approximately less than about 50% of the total weight of the building  
blocks, and the silica fume or other pozzolans makes up approximately less than about  
25% of the total weight of the building blocks.

5. A retaining wall as set forth in claim 1, wherein the fiber-reinforced cellular cementitious material is made from cement which makes up approximately 18-40% of the total weight of the building blocks, fly ash which makes up approximately less than about 50% of the total weight of the building blocks, silica fume or other pozzolans which makes up approximately less than about 25% of the total weight of the building blocks, fiber which makes up approximately 0.4-3.2% of the total weight of the building blocks, and an aerating material.